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PTO/SB/21 (08-00)
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TRANSMITTAL			Application Number	10/649,432	
			Filing Date	August 27, 2003	
FORM			First Named Inventor	Macmillian Wisler	
(to be used for all correspondence after initial filing)			Group Art Unit		
			Examiner Name		
Total Number of Pa	ages in This Subm	ission 4+	Attorney Docket Number	AES 03-004	
		ENCL	OSURES (check	all that apply)	
Fee Transmittal Form		Assignm (for an A	nent Papers Application)	After Allowance Communication to Group	
Fee Attached		Drawing	(s)	Appeal Communication to Board of Appeals and Interferences	
Amendment / Reply		Licensin	g-related Papers	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)	
After Final		Petition		Proprietary Information	
Affidavits/declar	ation(s)	Provisio	to Convert to a nal Application	Status Letter	
Extension of Time Request		Terminal Disclaimer		Other Enclosure(s) (please identify below):	
Express Abandonment Request				Copy of 6 US Patents Copy of 1 Technical Paper	
X Information Disclosure	Statement	CD, Nu	mber of CD(s)		
Certified Copy of Priorit Document(s)	у	Remarks			
Response to Missing P	arts/		Our self-addressed stamped postcard which we would appreciate your date stamping and returning		
Response to Missing Parts under 37 CFR 1.52 or 1.53		,	to us upon receipt.	, g	
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT					
Firm PD Holdings (USA), Inc. or Individual name Patrick H. McCollum			,		
Date 6 Nov 03					
CERTIFICATE OF MAILING					
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:					
Typed or printed name   Carrie Baehler					
Signature / can alkle			Date	November 6, 2003	

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## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**APPLICANTS:** 

Macmillan Wisler

**U.S. APPLICATION NUMBER:** 

10/649,432

U.S. FILING DATE:

August 27, 2003

ATTORNEY DOCKET NO:

AES 03-004

TITLE OF THE INVENTION:

Electromagnetic MWD Telemetry System Incorporating a Current Sensing Transformer

**GROUP ART UNIT** 

Assistant Commissioner for Patents Mail Stop DD; P.O. Box 1450 Alexandria, VA 22313-1450

## **INFORMATION DISCLOSURE STATEMENT**

Dear Sirs:

In accordance with §§ 1.56, 1.97 and 1.98 of Title 37 of the Code of Federal Regulations and pursuant to Applicant's duty of candor and good faith toward the United States Patent and Trademark Office, applicant discloses the following information items which constitute the most relevant information items of which persons substantively involved in the present application are aware. Pursuant to 37 CFR § 1.97(h) the information disclosed shall not be construed to be an admission of materiality to patentability.

Six (6) U.S. Patents and one (1) technical paper that relate to this invention are listed on the enclosed PTO/SB/08A & 08B and copies of these items are enclosed pursuant to § 1.98.

Respectively Submitted,

Patrick H. McCollum Registration No. 29,410

363 N. Sam Houston Parkway East

atres & m Coll

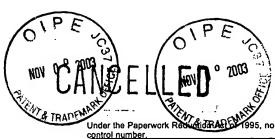
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Attorney for Applicant





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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet One of Two

Compl te if Known		
Application Number	10/649,432	
Filing Date	August 27, 2003	
First Named Inventor	Wisler, Macmillan	
Art Unit		
Examiner Name		
Attorney Docket Number	AES 03-004	

U.S. PATENT DOCUMENTS					
Examiner Initials		Document Number  Number- Kind Code <sup>2</sup> (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		us- 4,684,946	08-04-1987	Issenmann, Olivier	
		us- 5,163,714	11-17-1992	Issenmann, Olivier	
		US-5,394,141	02-28-1995	Soulier, Louis	
		us-5,945,923	08-31-1999	Soulier, Louis	
		us-6,531,871 B1	03-11-2003	Hay, Richard & Sand, Bryon	
		us-6,628,206 B1	09-30-2003	Soulier, Louis	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.1	Foreign Patent Document  Country Code 3 - Number 4 - Kind Code 4 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	76
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Compl te if Known 10/649,431 **Application Number** August 27, 2003 Filing Date First Named Inventor Wisler, Macmillan Group Art Unit

STATEMENT BY APPLICANT (use as many sheets as necessary)

of

INFORMATION DISCLOSURE

Substitute for form 1449B/PTO

Two

Sheet

**Examiner Name** Attomey Docket Number AES 03-003

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ2	
		Peter Brett, Denis Weisbeck, Robert Graham; Innovative Technology Advances Use of Electromagnetic MWD Offshore in Southern North Sea; IADC/SPE 81628 Technical Paper. Presented at the IADC/SPE Underbalanced Technology Conference & Exhibition held in Houston, TX, March 25-26, 2003.		
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Examiner	Date	
Signature	Considered	



<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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